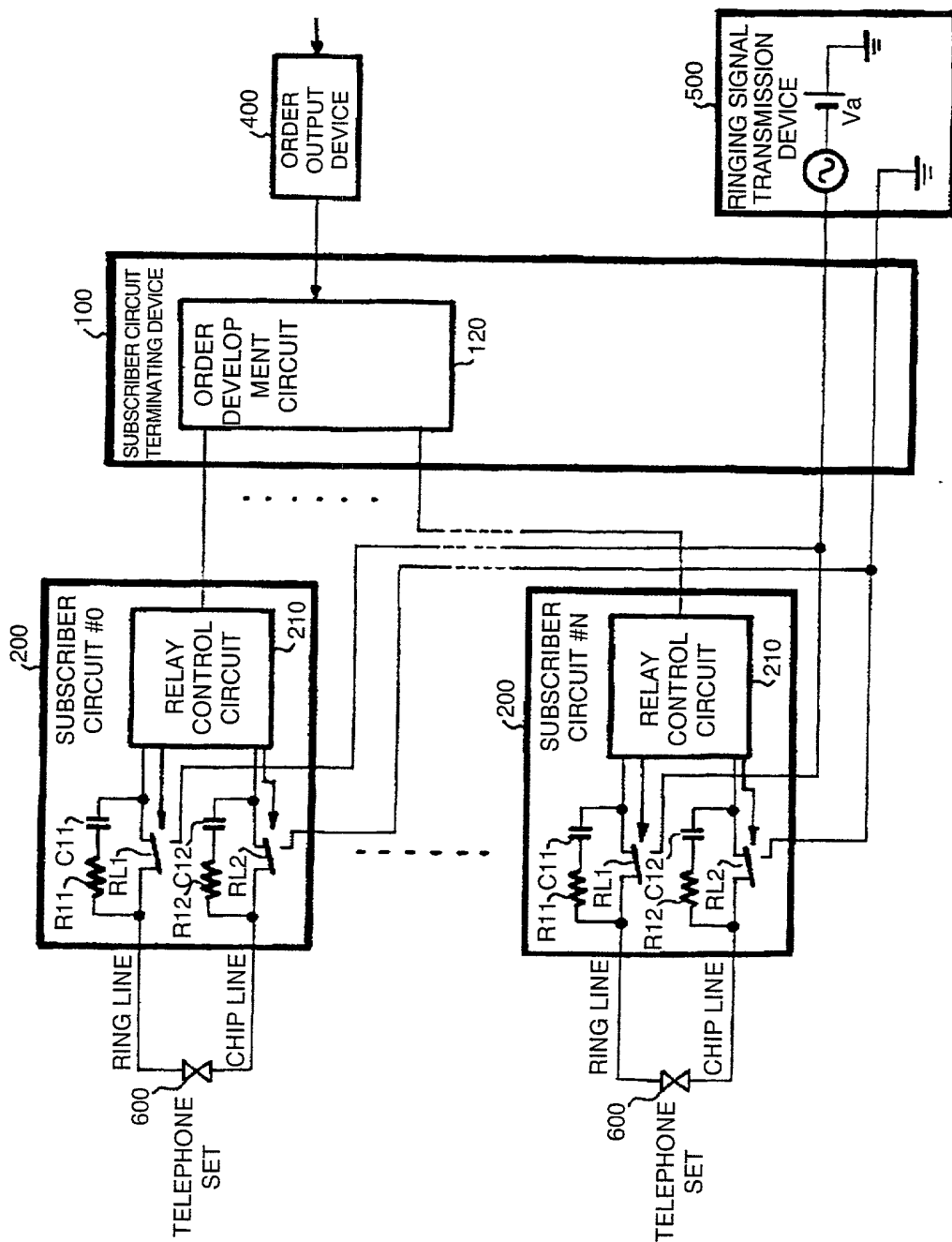


r [Fig. 1]



1, [Fig. 2]

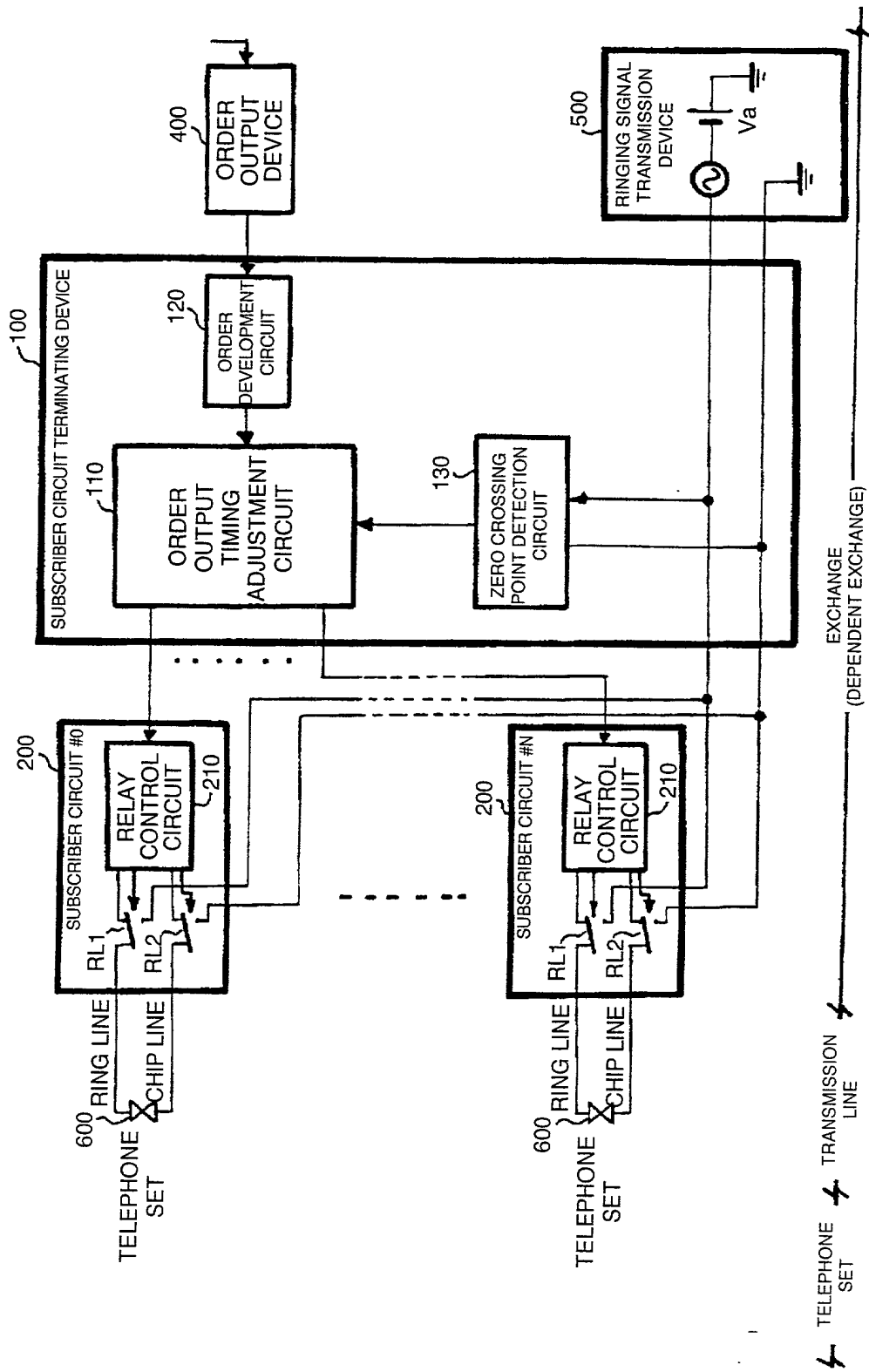
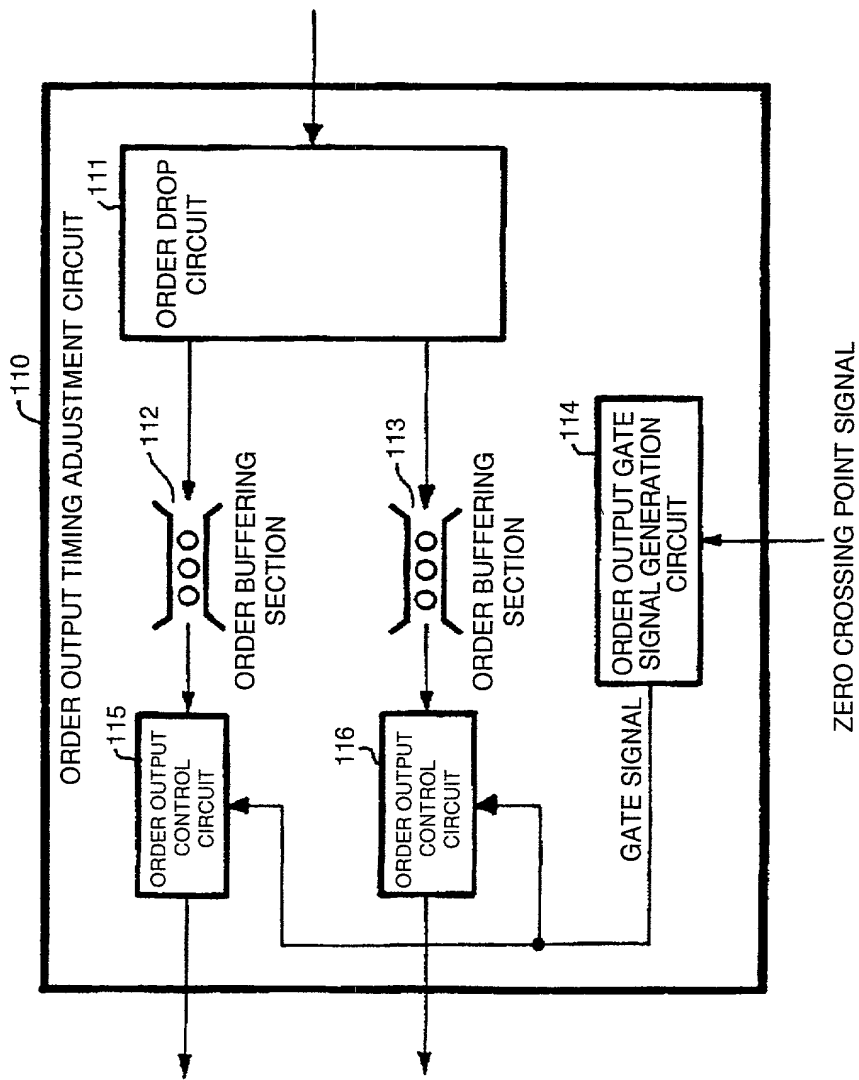


Fig. 3



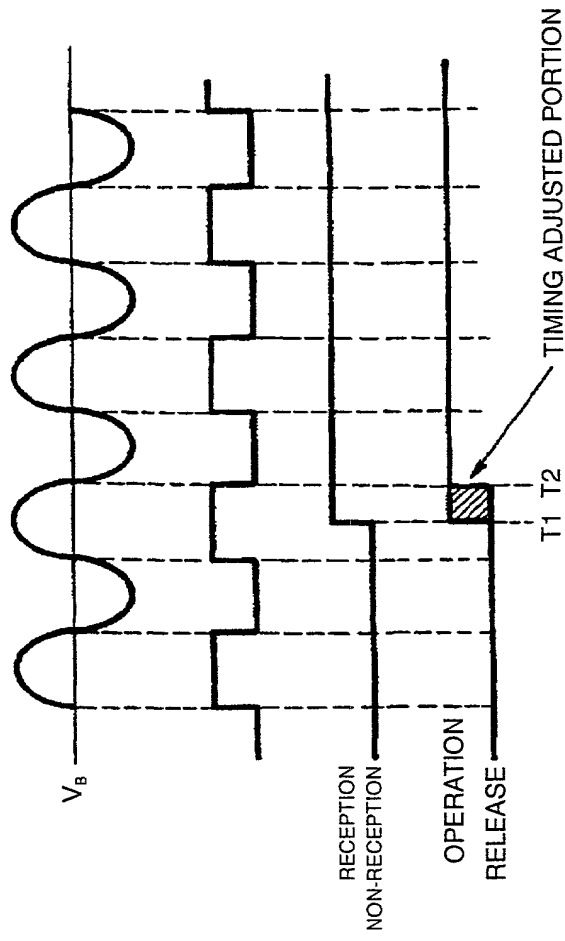
r [Fig. 5]

(a) RINGING SIGNAL

(b) ZERO CROSSING POINT
SYNCHRONIZATION SIGNAL

(c) RINGING ORDER RECEPTION TIMING

(d) RINGING RELAY STATE



r, [Fig. 6]

